- Search History will be lost after eight hours of inactivity.
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Search	Most Recent Queries	Time	Result
#17	Search **CXCR4 expression tumor**	16:36:08	613
#15	**Related Articles** for **PubMed** (Select **9616148**)	16:34:54	226
#12	Search **fusin and leukemia**	16:23:26	124
#10	Search **fusin and cancer**	16:22:47	507
#9	Search **HM89 and malignant**	16:20:28	0
#8	Search **HM89 and tumor**	16:20:13	1
#7	Search **HM89 and cancer**	16:19:04	1
#6	Search **lester and leukocyte**	16:17:17	40
#1	Search **LESTR and leukocyte**	16:12:30	12

Clear History

WEST Search History

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DATE: Saturday, January 19, 2008

Hide?	Set Name	Query	Hit Count
		DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI; PLUR=YES; OP=OR	
☐	L19	L18 AND @ay<=1998	51
☐	L18	L14 AND antibody	1392
☐	L14	((malignant NEAR hematopoietic) OR leukemic OR leukemia) AND (CXCR4 OR Fusin OR LESTR OR (SDF-1 ADJ receptor) OR CXCR-4)	1500
☐	L13	L12 AND (antibody NEAR (CXCR4 OR LAP3 OR Fusin OR LESTR OR (SDF-1 ADJ receptor) OR WHIM OR CD184 OR CXCR-4 OR NPY3R OR NPYR))	5
☐	L12	L11 AND @ay<=1998	162
☐	L11	(CXCR4 OR LAP3 OR Fusin OR LESTR OR (SDF-1 ADJ receptor) OR WHIM OR CD184 OR CXCR-4 OR NPY3R OR NPYR) AND (tumor OR neoplastic OR neoplasia OR malignant OR cancer) AND antibody	2432
☐	L10	L9 AND @ay<=1998	2
☐	L9	HM89 AND (cancer OR neoplastic OR neoplasia OR malignant OR tumor)	19
☐	L8	HM89 AND (cancer OR neoplastic OR neoplasia OR malignant)	19
☐	L7	L2 AND (antibody NEAR (CXCR4 OR LAP3 OR Fusin OR LESTR OR (SDF-1 ADJ receptor) OR WHIM OR CD184 OR CXCR-4 OR NPY3R OR NPYR))	5
☐	L6	L2 AND stromal	25
☐	L5	L2 AND fusin	61
☐	L4	L2 AND LESTR	25
☐	L3	L2 AND CXCR4	47
☐	L2	L1 AND @ay<=1998	135
☐	L1	(CXCR4 OR LAP3 OR Fusin OR LESTR OR (SDF-1 ADJ receptor) OR WHIM OR CD184 OR CXCR-4 OR NPY3R OR NPYR) AND cancer AND antibody	2204

END OF SEARCH HISTORY

Symbol	Name	Synonyms	Organism
CXCR4	chemokine (C-X-C motif) receptor 4	CD184, CD184 antigen, C-X-C chemokine receptor type 4, CXCR-4, CXC-R4, D2S201E, FB22, fusin, Fusin, HM89, HSY3RR, LAP3, LCR1, LESTR, Leukocyte-derived seven transmembrane domain receptor, NPY3R, NPYR, NPYRL, NPYY3R, SDF-1 receptor, Stromal cell-derived factor 1 receptor, WHIM	Homo sapiens

UniProt	P61073, Q53S69, Q5MIL4
IntAct	P61073
OMIM	193670, 162643
NCBI Gene	7852
NCBI RefSeq	NP_003458, NP_001008540
NCBI RefSeq	NM_003467, NM_001008540
NCBI UniGene	7852
NCBI Accession	CR601301, AF025375

Homologues of CXCR4 ...

Interaction information for CXCR4 ...

Most recent information for CXCR4 ... **new**

Enhanced PubMed/Google query ...

CXCR4, another important HIV-1 coreceptor, is also sulfated. [1999]

Thus, the development of **CXCR4** antagonists or agonists may be useful in the treatment of HIV-1 infection. [1997]

This approach was utilized to inhibit human immunodeficiency virus type I (HIV-1) infection in human cells. siRNAs with homology to a motif in the mRNA that encodes for the HIV-1 chemokine coreceptor **CXCR4** was utilized. [2004]

CXCR4 is the major co-receptor used by X4 strains of human immunodeficiency virus type I (HIV-1). [2001]

In contrast, HIV-1 variants that use **CXCR4** are typically detected at the later stages, and are associated with a rapid decline in CD4+ T cells and progression to AIDS (refs. 2,7-11). [2001]

A small molecule **CXCR4** inhibitor that blocks T cell line-tropic HIV-1 infection. [1997]

AMD3100, a small molecule inhibitor of HIV-1 entry via the **CXCR4** co-receptor. [1998]

Thus, AMD3100 prevents **CXCR4** functioning as both a HIV-1 co-receptor and a CXC-chemokine receptor. [1998]

Several non-Hodgkin cell lines, targets of **CXCR4**-dependent (X4) HIV-1 infection, were positive for CD30 expression. [2003]

The resulting [MLV(SIVagm-X4)] vectors were shown to specifically transduce CD4/**CXCR4**-positive cell lines, demonstrating the equivalent function in cell entry and choice of coreceptor usage of the V3-loops of SIVagm and HIV-1. [2002]

Laboratory isolates of human immunodeficiency virus type 1 (HIV-1) that utilize CXCR4 as a coreceptor infect primary human macrophages

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Search	Most Recent Queries	Time	Result
#43	Search **SDF-1 and angiogenesis**	19:31:25	134
#42	Search **SDF-1 and vascularization**	19:30:48	69
#41	Search **CXCR4 and vascularization**	19:30:22	68
#40	Search **fusin and vascularization**	19:23:48	50
#39	Search **LESTR and angiogenesis**	19:22:10	1
#38	Search **CXCR4 and angiogenesis**	19:21:50	137
#36	Search **fusin and angiogenesis**	19:19:10	92
#35	Search **fusin and chemokine**	19:18:25	1821
#34	Search **HUMSTSR**	19:17:46	1
#33	Search **HUMSTSR/fusin**	19:17:32	1
#30	Search **nagasawa and fusin**	19:13:58	21
#29	Search **Nagawasa and fusin**	19:13:43	2621
#27	Search **CXCR4 splice variant**	19:06:32	4
#26	Search **CXCR4 variants**	19:04:18	188
#25	Search **WHIM and cancer and**	18:53:20	21
#24	Search **WHIMand cancer and**	18:53:00	2001998
#23	Search **SDF-1 receptor and cancer and chemokine**	18:52:26	434
#22	Search **NPYY3R and cancer and chemokine**	18:51:51	4160
#21	Search **NPYY3Rand cancer and chemokine**	18:51:44	4160
#20	Search **NPYRL and cancer and chemokine**	18:51:27	4160
#18	Search **fusin and cancer and chemokine**	18:50:15	429
#17	Search **NPYR and cancer and chemokine**	18:50:03	0
#16	Search **NPYR and cancer**	18:49:50	39
#15	Search **NPY3R and cancer**	18:49:36	2001998
#14	Search **Leukocyte-derived seven transmembrane domain receptor and cancer**	18:49:00	502
#12	Search **LESTR and cancer**	18:46:09	3

#11 Search **LCR1 and cancer**	18:45:52	1
#9 Search **cancer LAP3**	18:45:03	2
#8 Search **cancer HSY3RR**	18:44:50	2001998
#7 Search **cancer HM89**	18:44:03	1
#6 Search **cancer fusin**	18:43:47	504
#5 Search **cancer FB22**	18:43:26	0
#4 Search **cancer D2S201E**	18:43:15	0
#3 Search **cancer CD184**	18:42:48	10
#2 Search **cancer CXCR4 protein expression**	18:31:43	446
#1 Search **cancer CXCR4**	18:30:52	673

Clear History